TT12 Rec'd PCT/PTO 20 JAN 2005

| FORM | PTO-13 | 390 (Modified) U.S. PATENT AND TRADEM | ATTORNEY'S DOCKET NUMBER | | | | | |
|----------|---------------|---|--|---|--|--|--|--|
| (REV. 1 | 2-2004) TR | RANSMITTAL LETTER 1 | 05-040 | | | | | |
| | | | ED OFFICE (DO/EO/US) | . U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | | | |
| ~ (| | • | SION UNDER 35 U.S.C. 371 | l | | | | |
| | | | | 10/521915 | | | | |
| | P | FIONAL APPLICATION NO. PCT/BE2003/000090 | INTERNATIONAL FILING DATE 22 May 2003 (22.05.03) | PRIORITY DATE CLAIMED 22 July 2002 (22.07.02) | | | | |
| | | INVENTION DEMETALLIZATION PROCES | SS FOR FLEXIBLE METALLIZED SUBS | TO A TOPO | | | | |
| 111 | IIVE. | DEMETALDIZATION 1 | 55 FOR FLEAIDLE METALLIZED 5025 | IKATES | | | | |
| ^DPL | ICAN | IT(S) FOR DO/EO/US | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | YLBROECK; Mark VINTS | | | | | | |
| | | | | | | | | |
| Applic | ant h | erewith submits to the United State | es Designated/Elected Office (DO/EO/US) the fo | ollowing items and other information: | | | | |
| 1. | \boxtimes | This is a FIRST submission of ite | ems concerning a submission under 35 U.S.C. 3 | 371. | | | | |
| 2. | | | IENT submission of items concerning a submiss | | | | | |
| 3. | | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. | | | | | | |
| 4. | \boxtimes | The US has been elected (Article | <i>;</i> 31). | | | | | |
| 5. | \boxtimes | · | eation as filed (35 U.S.C. 371 (c)(2)) | | | | | |
| | | | uired only if not communicated by the Internation | onal Bureau). | | | | |
| | | | d by the International Bureau. | , | | | | |
| | | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | |
| 6. | | An English language translation o | of the International Application as filed (35 U.S.C | C. 371(c)(2)). | | | | |
| | | a. is attached hereto. | | | | | | |
| | | b. has been previously sub | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | |
| 7. | \boxtimes | Amendments to the claims of the | International Application under PCT Article 19 (| (35 U.S.C. 371 (c)(3)) | | | | |
| | | a. are attached hereto (req | quired only if not communicated by the Internation | onal Bureau). | | | | |
| | | | ed by the International Bureau. | | | | | |
| | | | owever, the time limit for making such amendme | ents has NOT expired. | | | | |
| _ | | d. A have not been made and | | · | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| 9. 10 | \boxtimes | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT | | | | | | |
| 10. | ĻJ | Article 36 (35 U.S.C. 371 (c)(5)). | the annexes to the International Preliminary E | examination Report under PCT | | | | |
| 11. | \boxtimes | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | | | | | | |
| 12. | \boxtimes | A copy of the International Search Report (PCT/ISA/210). | | | | | | |
| Ite | ms 1° | 13 to 23 below concern document | t(s) or information included: | | | | | |
| 13. | \boxtimes | | ment under 37 CFR 1.97 and 1.98. | | | | | |
| 14. | \boxtimes | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 15. | | A FIRST preliminary amendment. | | | | | | |
| 16. | | A SECOND or SUBSEQUENT preliminary amendment. | | | | | | |
| 17. | | A substitute specification. | | | | | | |
| 18. | | A power of attorney and/or change of address letter. | | | | | | |
| 19. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. | | | | | | |
| 20. | × | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 21. | | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 22. | ⊠ ⊠ | • | 596660814US | · | | | | |
| 23. | | Other items or information: | | | | | | |
| | | Application Data Sheet Certificate of Express Mailing Return Receipt Postcard | | | | | | |

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| S: APPLICATION NO (#known sep 37 CFP 1.5) INTERNATIONAL APPLICATION NO. PCT/BE2003/000090 | | | | | ATTORNEY'S DOCKET NUMBER | | | | | |
|---|--|---------------------------------|-------------------------|--------|--------------------------|------|--------------|-------------------|--|--|
| | | | | | 05-040 | | | | | |
| 24. The following | g fees are submitte | ed: | | | | A | oplicant use | Office use | | |
| 🖾 a) Basic na | ☐ a) Basic national fee | | | | | \$ | \$300.00 | | | |
| ⊠ b) Examination fee | | | | | | | \$200.00 | | | |
| ⊠ c) Search fe | е | \$ | \$500.00 | | | | | | | |
| | AL OF ABOVE | \$ | \$1,000.00 | | | | | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | | |
| Total Sheets | | | RATE | | | | | | | |
| - 100 = | /50 = | | | | x \$250.00 | \$ | \$0.00 | | | |
| Surcharge of \$13 earliest claimed p | 0.00 for furnishing priority date (37 Cf | the oath or de R 1.492(e)). | eclaration later than r | nonth | s from the | \$ | | | | |
| CLAIMS | NUMBER F | | | RATE | | | | | | |
| Total claims | | - 20 = | 0 | x | \$50.00 | \$ | \$0.00 | | | |
| Independent clair | ns | - 3= | 0 | x | \$200.00 | \$ | \$0.00 | | | |
| MULTIPLE DEPE | ENDENT CLAIMS | (if applicable) | | + | \$360.00 | \$ | \$0.00 | | | |
| | | | L OF ABOVE CA | | · · | = \$ | \$1,000.00 | | | |
| ☐ Applicant cla reduced by * | ims small entity st I/2. | atus. See 37 (| CFR 1.27. The fees i | ndica | ted above are | \$ | \$0.00 | | | |
| | | | | | UBTOTAL | = \$ | \$1,000.00 | | | |
| Processing fee of the earliest claim | f \$130.00 for furnis ed priority date (37 | hing the Engli 7 CFR 1.492(f | sh translation later th | an 30 | 0 months from | \$ | \$0.00 | | | |
| | | | | | ONAL FEE | = \$ | \$1,000.00 | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | | | | | \$ | \$40.00 | | | |
| | | | TOTAL FEE | ES E | NCLOSED | = \$ | \$1,040.00 | | | |
| | | | Amou | nt to | be refunded | 1: | | \$ | | |
| · | | | Amou | unt to | o be charged | l: | | \$ | | |
| a. 🗵 A check | in the amount of \$ | \$1,040.0 | 00 to cover the a | bove | fees is enclose | ed. | | | | |
| | | | | | | | | r the above fees. | | |
| c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No13-2490 A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card | | | | | | | | | | |
| information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a perition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | | |
| GATTARI, Pati | | SEQ. | | | | | | | | |
| MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 South Wacker Drive, Suite 3100 Patrick G. | | | | | | | . Gattari | | | |
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| REGISTRA | | | | | | | TION NUMBER | | | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) (Case No. 05-040)

| | | | PATENT | | | | |
|---------------------------------|--|---|----------------------|--|--|--|--|
| In the Applic | cation of: |) | | | | | |
| | Heylbroeck et al. |) | Before the Examiner: | | | | |
| Serial No.: | TBA |) | | | | | |
| | |) | Group Art Unit: | | | | |
| Int'l. Filing | Date: 22 May 2003 |) | | | | | |
| E | In Line December Wood's CD accorde |) | | | | | |
| For: | In-Line Demetallization Process for Flexible Metallized Substrates |) | | | | | |
| Mail Stop Po | CT | | | | | | |
| Commissioner for Patents | | | | | | | |
| P.O. Box 1450 | | | | | | | |
| Alexandria, VA 22313-1450 | | | | | | | |
| U.S. Express Mail EV596660814US | | | | | | | |
| | | | | | | | |

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 C.F.R. § 1.10

Attached Paper(s): <u>Transmittal Letter to the United States Designated/Elected Office</u> (DO/EO/US) Concerning a Filing under 35 U.S.C. 371; Application Data Sheet (3 sheets); <u>executed oath or declaration of the inventors (3 sheets)</u>; international preliminary examination report (7 sheets); international search report (3 sheets); Information Disclosure Statement Form PTO/SB/08; Assignment Recordation Form Cover Sheet and executed assignment (3 sheets total); second copy of the published international application; filing fee check for \$1,040.00 and return postcard.

The undersigned hereby certifies that the papers as described hereinabove are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 20, 2005.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff LLP

Dated: January 20, 2005

Sir:

Patrick G. Gattari Reg. No. 39,682

By: